

ABSTRACT OF THE DISCLOSURE

A photosensor system including a photosensor array having a plurality of photosensors arranged two-dimensionally comprises a driver circuit and a readout circuit for applying signal voltages to each photosensor, and also a control circuit having a function of controlling the voltages applied to each photosensor and adjusting the sensitivity of each photosensor. During an image reading operation and a reading operation for setting the sensitivity of each photosensor, a correction signal is generated, which has an effective voltage that can adjust an effective voltage, applied to each gate electrode of each photosensor, to 0 V, or to a value that minimizes degradation of the characteristics of each photosensor. This correction signal is applied to each gate electrode.